

02-25-00

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Approved for use through 9/30/2000. OMB 0651-0032  
Patent and Trademark U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.

SUN-P3992-JTF

First Inventor or Application Identifier

John A. Thodiyil

Title

Method and Apparatus for Dynamic Class-Based Packet  
Scheduling

Express Mail Label No.

EJ 568 029 540 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 38]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]4. ☐ Oath or Declaration [Total Pages 2]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

\* Note for items 1 & 13: IN ORDER TO BE ENTITLED TO  
PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT  
IS REQUIRED (37 CFR § 1.27), EXCEPT IF ONE FILED IN A  
PRIOR APPLICATION IS RELIED UPON (37 CFR § 1.28).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. §3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee) (combined with Declaration)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☐ \*Small Entity ☐ Statement filed in prior application,  
Statement(s) Status still proper and desired  
(PTO/SB/09-12)
14. ☐ Certified copy of Priority Document(s) (if foreign priority is claimed)
15. ☒ Other: Check for \$ 1,084.00  
Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment::

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_/\_\_\_\_\_ filed \_\_\_\_\_

Prior application information:

Examiner: \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Labelor ☐ Correspondence address below

Name	Daniel E. Vaughan				
	Park & Vaughan LLP				
	PATENT TRADEMARK OFFICE				
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	Suite 5				
City	Palo Alto	State	CA	Zip Code	94306
Country	United States	Telephone	650/329-1973	Fax	650/329-1893

Name (Print/Type)	Daniel E. Vaughan	Registration No. (Attorney/Agent)	42,199
Signature	<i>Daniel E. Vaughan</i>	Date	February 23, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any  
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office,  
Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents,

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# FEE TRANSMITTAL

## For FY 1999

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SD/09-12.

See 37 C.F.R. §§ 1.27 and 1.28

**Complete if Known**

Application Number	
Filing Date	February 23, 2000
First Named Inventor	John Thodiyl
Examiner Name	
Group / Art Unit	
Attorney Docket No.	SUN-P3992-JTF

TOTAL AMOUNT OF PAYMENT (\$ ) 1,084

**METHOD OF PAYMENT (check one)**

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number	50-1003
Deposit Account Name	Park & Vaughan

- ☒ Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	760 201 380	Utility filing fee	690
106	310 206 155	Design filing fee	
107	480 207 240	Plant filing fee	
108	760 208 380	Reissue filing fee	
114	150 214 75	Provisional filing fee	
SUBTOTAL (1)			(\$ ) 690

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
31	-20** = 11	X 18	= 198
5	-3** = 2	X 78	= 156
Multiple Dependent			=

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18 203 9	Claims in excess of 20
102	78 202 39	Independent claims in excess of 3
104	260 204 130	Multiple dependent claim, if not paid
109	78 209 39	** Reissue independent claims over original patent
110	18 210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ ) 354

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130 205 65		Surcharge - late filing fee or oath	
127	50 227 25		Surcharge - late provisional filing fee or cover sheet.	
139	130 139 130		Non-English specification	
147	2520 147 2520		For filing a request for reexamination	
112	920* 112 920*		Requesting publication of SIR prior to Examiner action	
113	1840* 113 1840*		Requesting publication of SIR after Examiner action	
115	110 215 55		Extension for reply within first month	
116	380 216 190		Extension for reply within second month	
117	870 217 435		Extension for reply within third month	
118	1360 218 680		Extension for reply within fourth month	
128	1850 228 925		Extension for reply within fifth month	
119	300 219 150		Notice of Appeal	
120	300 220 150		Filing a brief in support of an appeal	
121	260 221 130		Request for oral hearing	
138	1510 138 1510		Petition to institute a public use proceeding	
140	110 240 55		Petition to revive - unavoidable	
141	1210 241 605		Petition to revive - unintentional	
142	1210 242 605		Utility issue fee (or reissue)	
143	430 243 215		Design issue fee	
144	580 244 290		Plant issue fee	
122	130 122 130		Petitions to the Commissioner	
123	50 123 50		Petitions related to provisional applications	
126	240 126 240		Submission of Information Disclosure Stmt	
581	40 581 40		Recording each patent assignment per property (times number of properties)	40
146	760 246 380		Filing a submission after final rejection (37 CFR 1.129(a))	
149	760 249 380		For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) \_\_\_\_\_

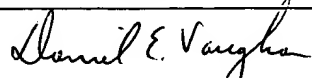
Other fee (specify) \_\_\_\_\_

SUBTOTAL (3)

(\$ ) 40

\* Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Typed or Printed Name	Daniel E. Vaughan	Reg. Number	42,199
Signature		Date	February 23, 2000
		Telephone	650/329-1973

**Complete (if applicable)**

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